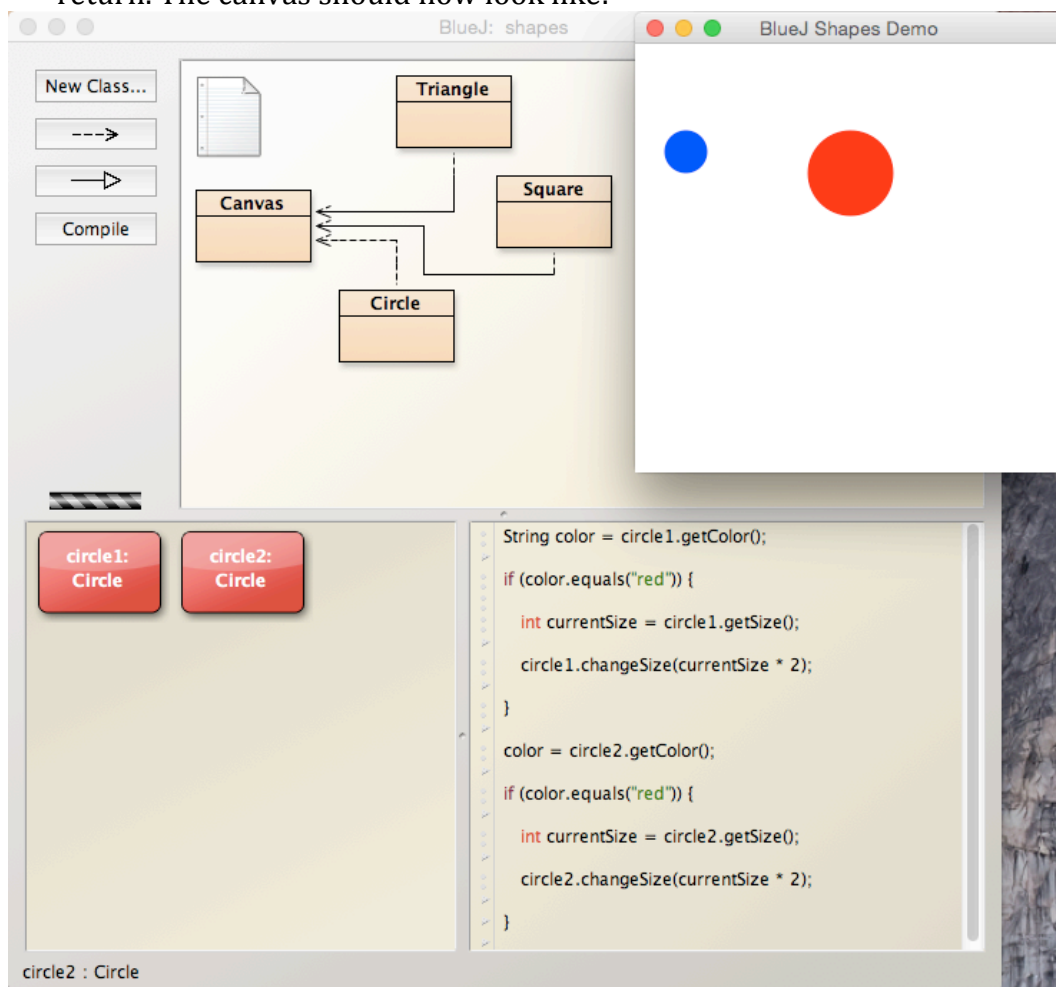


Worksheet 3: Shapes project, if statements

For lab session 1.

General Steps

1. Open the shapes BlueJ example project
2. With a text editor (e.g. notepad++) open the file shape-control.txt (you will need this in a moment)
3. Create two circle objects, one red and one blue. Make sure they have the variable names circle1 and circle2. Make sure they are displaying in the canvas.
4. Now copy and paste the code on shape-control.txt to the codepad and hit return. The canvas should now look like:



5. Try using the operator "!" on both if statements (see slides). To run the code again you have to reset the VM, create the objects again and copy and paste again!
6. Try combining the color check and a check to see if the circle is greater than 30 pixels in diameter. Use the "&&" operator to combine the two Boolean conditionals (see slides). You might want to set the size of the object to less than 30.